

Work Order ID 74004

Tuesday, September 20, 2011 11:15:56 AM



Page 1

Item ID: D206-746-043

Accept



Setup Start



Revision ID:

Stop



Item Name: Blower Motor Assembly

Start Date: 9/20/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 10/3/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan:

Date: 10/9/20

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

Draw Nbr

Revision Nbr

DSI9341

Rev C

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D206-746-043 CHG 001

110

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

Change bearing - D3742-1 B Batch: 1366003
Assemble as per dwg DSI 9341
Center punch set-screw, then drill as per dwg.
Add locktite 26221 to fan set screw batch: 1117951
Secure using Lock Wire
A/R MS20995-025E LOCK WIRE Batch: 1118570

Cancel - parts to
be outsourced from now on
return to stock

D3471-041 66037
D3473-041 67023
26071 817561

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 74004

Page 2

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Customer:

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 120 | QC5- Inspect part completeness to step on W/O | 0.00 | | | | | | | |
| | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |
| 130 | Packaging | 0.00 | | | | | | | |
| | | | | | | | | | |
| Packaging | Memo | 0.00 | | | | | | | |
| Packaging | Identify and pack for shipping as per PPP D206-746-043 | | | | | | | | |
| | Location: _____ | | | | | | | | |
| | PPP Rev: _____ | | | | | | | | |
| 140 | QC21- Final Inspection - Work Order Release | 0.00 | | | | | | | |
| | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |

CR 14606 23

| W/O: | | WORK ORDER CHANGES | | | | | |
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NOTE: Date & initial all entries

Picklist Print

Tuesday, September 20, 2011 11:16:00 AM

Page 2

Work Order ID: 74004

Parent Item: D206-746-043

Parent Item Name: Blower Motor Assembly

Start Date: 9/20/2011

Required Date: 10/3/2011

Start Qty: 1.00

Required Qty: 1.00

D3476-041

Manufactured No

110 Each

1.0000

1

1



Blower Inlet Adapter

Location

Loc Qty

Loc Code

ST160

1

67023

1

67023

D3476-041

Manufactured No

110 Each

1.0000

1

1



Blower Motor Adapter

Location

Loc Qty

Loc Code

ST154

1

45185

1

D3477-041

Manufactured No

110 Each

0.0000

1

1



Blower Motor Inlet Adapter

D3585-1

Manufactured No

110 Each

78.0000

2

2



Set Screw

Location

Loc Qty

Loc Code

GA

78

55705

78

D3742-1

Manufactured No

110 Each

3.0000

2

2



Bearing

Location

Loc Qty

Loc Code

ST080

3

66003

3

66003

Tuesday, September 20, 2011 11:16:01 AM

Shop Packet Print

Page 2

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

Tuesday, September 20, 2011 11:16:01 AM

Page 3

Work Order ID: 74004



Parent Item: D206-746-043



Parent Item Name: Blower Motor Assembly

Start Date: 9/20/2011

Required Date: 10/3/2011

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-04

Purchased

No

110

Each

250.0000

3

3



SCREW



✓

[Signature]

Location

Loc Qty

Loc Code

ST290

250

109752

250

MS35333-38

Purchased

No

120

Each

76.0000

3

3



LOCK WASHER



109752

[Signature]

Location

Loc Qty

Loc Code

ST295

76

107063

76

107063

| W/O: | | WORK ORDER CHANGES | | | | | |
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NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D206-746 REV. A
REF. CANADIAN STC: SH05-45 ISSUE 1
FAA STC: SH3367NM DATED OCT. 13, 2005

The Parts List of Installation Instructions IIN-D206-746 Rev. A should be amended as follows:

| Qty -011 | Qty -041 | Qty -043 | Part Number | Description |
|-------------|-------------|-------------|---------------|-------------------------------------------|
| X | | | D206-746-011 | SHROUD AIRFLOW HEATER SYSTEM |
| 1 | X | | D206-746-041 | REAR OVERHEAD PASSENGER MODIFICATION KIT |
| 1 | | X | D206-746-043 | BLOWER MOTOR ASSEMBLY |
| | | 1 | D3471-041 | BLOWER MOTOR SUPPORT (CAM-1984-008) |
| | | 1 | D3473-041 | BLOWER INLET ADAPTER (CAM-1984-013) |
| | | 1 | D3476-041 | BLOWER MOTOR ADAPTER (CAM-1984-014) |
| | | 1 | D3477-041 | BLOWER MOTOR INLET ADAPTER (CAM-1984-015) |
| | | 2 | D3585-1 | SET SCREW |
| | | 2 | D3742-1 | BEARING |
| | | A/R | 26221 | LOCTITE 226 THREADLOCKER |
| | | 1 | 26D71 | BLOWER MOTOR (26D71-1) |
| | | 6 | AN3-3A | BOLT |
| | | 6 | AN960-10 | WASHER |
| | | 3 | MS27039-08-04 | MACHINE SCREW |
| | | 3 | MS35333-38 | LOCK WASHER |
| | | A/R | MS20995-025E | LOCK WIRE |

Furthermore, any mention of "Blower Motor Assembly" appearing in Installation Instructions IIN-D206-746 Rev. A, and Installation Drawing D206-746 Rev. A, should be replaced by D206-746-043 Blower Motor Assembly.

For assembly instructions of D206-746-043 Blower Motor Assembly, refer to page 2 of this DSI.

W074004

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 08.01.20
CERT. NO.: SH05-45
ISSUE NO.: 1

| | | | |
|------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| C | ADD D3742-1 BEARING; UPDATE FORMAT | PH | 08.01.20 |
| B | ADD D3585-1 & DETAIL B | MB | 07.01.02 |
| A | NEW ISSUE | MB | 06.08.09 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | <i>[Signature]</i> | | |
| CHECKED | | DRAWING NO. | REV. C |
| MFG. APPR. | <i>[Signature]</i> | DSI 9341 | SHEET 1 OF 2 |
| APPROVED | <i>[Signature]</i> | TITLE | SCALE |
| DE APPR. | <i>[Signature]</i> | BLOWER MOTOR ASSEMBLY | NTS |
| DATE | 08.01.20 | <small>COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> | |

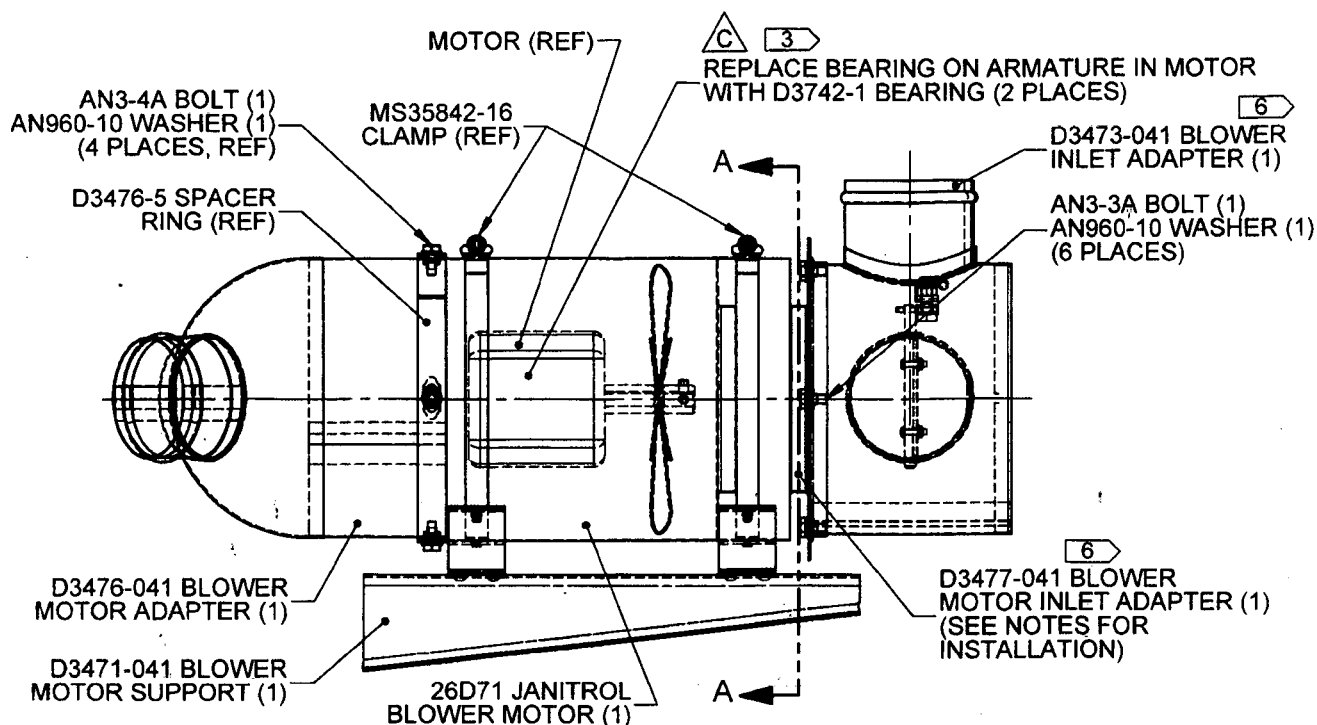
| W/O: | | WORK ORDER CHANGES | | | | | |
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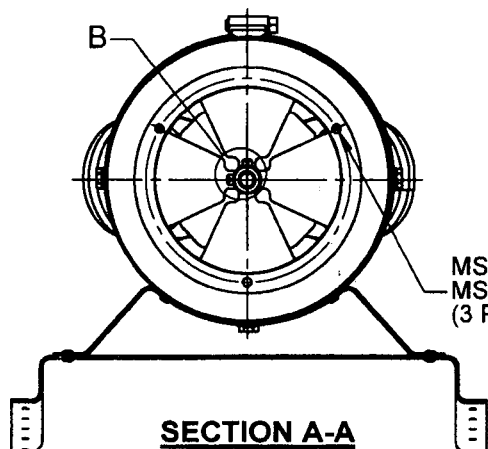
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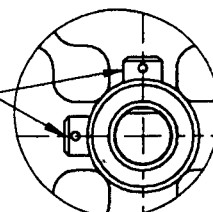
NOTE: Date & initial all entries



D206-746-043 BLOWER MOTOR ASSEMBLY



REPLACE EXISTING SET SCREWS
WITH D3585-1 SET SCREWS (2),
APPLY LOCTITE 226, TORQUE TO
50-70 in-lbs (5.6-7.9 N-m) AND SECURE
USING MS20995-025E LOCK WIRE



MS27039-08-04 MACHINE SCREW (1)
MS35333-38 LOCK WASHER (1)
(3 PLACES)

INSTALLATION NOTES:

- 1) ON 26D71 BLOWER MOTOR, REMOVE EXISTING MACHINE SCREWS (3), LOCK WASHERS (3) AND EXISTING ADAPTER (1).
- 2) REMOVE MOTOR AND RETAIN HARDWARE
- 3) REPLACE BEARINGS WITH D3742-1 BEARINGS (2 PLACES)
- 4) REPLACE SET SCREWS WITH D3585-1 SET SCREWS (2 PLACES)
- 5) RE-INSTALL MOTOR WITH HARDWARE REMOVED AT STEP 2
- 6) REPLACE ADAPTER WITH D3477-041 BLOWER INLET ADAPTER. USE HARDWARE REMOVED AT STEP 1 TO SECURE D3473-041/D3477-041 BLOWER INLET ADAPTER TO 26D71 JANITROL BLOWER MOTOR.
- 7) D206-746-043 IS SUPPLIED TO CUSTOMER PRE-ASSEMBLED

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 08.01.20
CERT. NO.: SH05-45
ISSUE NO.: 1

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------|--------------|
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | <i>PH</i> | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | <i>ES</i> | DRAWING NO. | REV. C |
| MFG. APPR. | <i>ES</i> | DSI 9341 | SHEET 2 OF 2 |
| APPROVED | <i>ES</i> | TITLE | SCALE |
| DE APPR. | <i>ES</i> | BLOWER MOTOR ASSEMBLY | 1:4 |
| DATE | 08.01.20 | COPYRIGHT © 2006 BY DART AEROSPACE LTD | |
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